

**Electron immunohistochemical analysis of localization of neutral Mn²⁺-dependent DNAase. I. Synthesis of ferritin and colloidal gold conjugates with monospecific antibodies against neutral Mn²⁺-dependent DNAase |
Elektronnoe immunogistokhimicheskoe izuchenie lokalizatsii neitral'noi Mn²⁺-zavisimoi DNKazy. I. Sintez kon''iugatov monospetsificheskikh antitel k neitral'noi Mn²⁺-zavisimoi DNKaze s ferritinom i kolloidnym zolotom.**

Abramova Z., Zotkina N., Vinter V.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Rabbit antibodies against a neutral Mn(2+)-dependent rat liver DNase were obtained, whose specificity towards DNase was ascertained by suppression of the enzyme activity both in vitro system and immunoblotting assays. Procedures of synthesis of ferritin and colloidal gold conjugates with antibodies are described. The biological activity of the conjugates proved to be similar to that of the original antibodies.
